

ABSTRACT

The present invention is related to a diagnostic an/or dosage method of an agonist and/or an antagonist and/or a modulator for a calcium-coupled receptor and/or channel and/or any other calcium-coupled protein, comprising the following successive steps: disposing the agonist and/or the antagonist and/or the modulator upon a solid support; Incubating one or more cell(s) expressing apoaequorin and said calcium-coupled receptor with coelenterazine in order to reconstitute an active aequorin in said cell(s). The present invention is also related to the diagnostic and/or dosage device intended for the method according to the invention.